

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1549	shingomyelin or dipalmitoylphosphatidylcholine	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 10:49
L2	0	L1 and "Apolipoprotein A1"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 09:27
L3	100	L1 and Apolipoprotein	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 09:48
L4	7	L1 same Apolipoprotein	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 09:28
L5	94	L1 and Apolipoprotein and cholesterol	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 09:48
L6	35	L1 and Apolipoprotein and LCAT	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 10:15
L7	6097	Apolipoprotein or ApoA-I	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 10:16
L8	27	l1 same l7	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 10:16
L9	33	non-human with (Apolipoprotein or ApoA-I)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 10:45
L10	4	nonhuman with (Apolipoprotein or ApoA-I)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 10:17
L11	0	l1 and "l33"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 10:17
L12	2	l1 and l9	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 10:17

L13	0	l1 and l10	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 10:17
L14	10	shingomyelin	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 10:41
L15	4052	sphingomyelin	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 10:41
L16	5	sphingomyelin and l9	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 10:42
L17	1	sphingomyelin same l9	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 10:41
L18	25	non-human with animal with (Apolipoprotein or ApoA-I)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 10:56
L19	4977	sphingomyelin or dipalmitoylphosphatidylcholine	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 10:55
L20	2	l19 and l18	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/05/02 10:50
S1	217	"Apoliporotein A-I" or "ApoA-I"	US-PGPUB; USPAT	OR	ON	2004/05/20 09:45
S2	37	("Apoliporotein A-I" or "ApoA-I") and ("non-human animal" or "nonhuman animal")	US-PGPUB; USPAT	OR	ON	2004/05/20 09:47
S3	1	("Apoliporotein A-I" or "ApoA-I") same ("non-human animal" or "nonhuman animal")	US-PGPUB; USPAT	OR	ON	2004/05/20 09:47
S4	37	("Apoliporotein A-I" or "ApoA-I") and ("non-human animal" or "nonhuman animal")	US-PGPUB; USPAT	OR	ON	2004/05/20 09:47
S5	1	"6037323".pn.	US-PGPUB; USPAT	OR	ON	2004/05/20 10:39
S6	74514	"6037323".pn. lipid	US-PGPUB; USPAT	OR	ON	2004/05/20 10:39
S7	1	"6037323".pn. and lipid	US-PGPUB; USPAT	OR	ON	2004/05/20 10:39

S8	5991	"6037323".pn. and lipid nonhuman	US-PGPUB; USPAT	OR	ON	2004/05/20 10:39
S9	0	"6037323".pn. and lipid and nonhuman .	US-PGPUB; USPAT	OR	ON	2004/05/20 10:39
S10	1	"6037323".pn. and lipid and sphingomyelin	US-PGPUB; USPAT	OR	ON	2004/05/20 10:40

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(ROSPATENT) added to list of core patent offices covered  
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NEWS 13 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags  
NEWS 14 APR 04 EPFULL enhanced with additional patent information and new  
fields  
NEWS 15 APR 04 EMBASE - Database reloaded and enhanced  
NEWS 16 APR 18 New CAS Information Use Policies available online  
NEWS 17 APR 25 Patent searching, including current-awareness alerts (SDIs),  
based on application date in CA/CAPLUS and USPATFULL/USPAT2  
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NEWS 18 APR 28 Improved searching of U.S. Patent Classifications for  
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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 10:54:44 ON 02 MAY 2005

=> index bioscience

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75 FILES IN THE FILE LIST IN STNINDEX

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=> s(sphingomyelin or dipalmitoylphosphatidylcholine) and (non-human with animal with (Apolipoprotein or ApoA-I))  
MISSING OPERATOR 'S(SPHINGOMYE'

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> (sphingomyelin or dipalmitoylphosphatidylcholine) and (non-human with animal with (Apolipoprotein or ApoA-I))  
MISSING OPERATOR 'WITH (APOLIPOPRO'

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> (sphingomyelin or dipalmitoylphosphatidylcholine) and ((non-human with animal with (Apolipoprotein or ApoA-I))  
MISSING OPERATOR 'WITH (APOLIPOPRO'

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> (sphingomyelin or dipalmitoylphosphatidylcholine) and ("non-human animal" with (Apolipoprotein or ApoA-I))  
MISSING OPERATOR 'WITH (APOLIPOPRO'

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> (sphingomyelin or dipalmitoylphosphatidylcholine) and (("non-human animal" with (Apolipoprotein or ApoA-I))  
MISSING OPERATOR 'WITH (APOLIPOPRO'

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> (sphingomyelin or dipalmitoylphosphatidylcholine) and ("non-human animal" with (Apolipoprotein)  
MISSING OPERATOR 'WITH (APOLIPOPRO'

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> (sphingomyelin or dipalmitoylphosphatidylcholine) and ("non-human animal" with Apolipoprotein)

12 FILES SEARCHED...

1 FILE BIOTECHABS

1 FILE BIOTECHDS

17 FILES SEARCHED...

1 FILE CAPLUS

27 FILES SEARCHED...

34 FILES SEARCHED...

1 FILE IFIPAT  
50 FILES SEARCHED...  
55 FILES SEARCHED...  
1 FILE USPATFULL  
69 FILES SEARCHED...  
1 FILE WPIDS  
1 FILE WPINDEX

7 FILES HAVE ONE OR MORE ANSWERS, 75 FILES SEARCHED IN STNINDEX

L1 QUE (SPHINGOMYELIN OR DIPALMITOYLPHOSPHATIDYLCHOLINE) AND ("NON-HUMAN ANIMAL" WITH APOLIPOPROTEIN)

=> d rank

F1	1	BIOTECHABS
F2	1	BIOTECHDS
F3	1	CAPLUS
F4	1	IFIPAT
F5	1	USPATFULL
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F7	1	WPINDEX

=> file biotechabs caplus USPATFULL wpids ifipat wpindex		
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FULL ESTIMATED COST	10.03	10.24

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=> (sphingomyelin or dipalmitoylphosphatidylcholine) and ("non-human animal" with Apolipoprotein)

L2 4 (SPHINGOMYELIN OR DIPALMITOYLPHOSPHATIDYLCHOLINE) AND ("NON-HUMAN ANIMAL" WITH APOLIPOPROTEIN)

=> d ab bib 1-4

L2 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN  
AB The invention provides methods and compns. for treating disorders using **non-human animal Apolipoprotein A-I** (ApoA-I) protein. The invention provides methods and compns. for treating disorders in animals, including humans, associated with dyslipidemia, including hyperlipidemia, hyperlipoproteinemia, hypertriglyceridemia, hypercholesterolemia, HDL deficiency, ApoA-I deficiency, cardiovascular disease, atherosclerosis, restenosis, and other disorders such as septic shock and viral infections.  
AN 2004:100949 CAPLUS

DN 140:157459  
 TI Methods of using **non-human animal**  
**apolipoprotein A-I** protein  
 IN Zhu, Lingyu; Dasseux, Jean-Louis; Lalwani, Narendra D.  
 PA Esperion Therapeutics, Inc., USA  
 SO PCT Int. Appl., 28 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004010939	A2	20040205	WO 2003-US23458	20030729
	WO 2004010939	A3	20041021		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2004077541	A1	20040422	US 2003-629892	20030729
PRAI	US 2002-399928P	P	20020730		

L2 ANSWER 2 OF 4 USPATFULL on STN  
 AB The invention provides methods and compositions for treating disorders using **non-human animal**  
**Apolipoprotein A-I** (ApoA-I) protein. The invention provides methods and compositions for treating disorders in animals, including humans, associated with dyslipidemia, including hyperlipidemia, hyperlipoproteinemia, hypertriglyceridemia, hypercholesterolemia, HDL deficiency, ApoA-I deficiency, cardiovascular disease, atherosclerosis, restenosis, and other disorders such as septic shock and viral infections.

AN 2004:101672 USPATFULL  
 TI Methods of using **non-human animal**  
**Apolipoprotein A-I** protein  
 IN Zhu, Lingyu, Ann Arbor, MI, UNITED STATES  
 Lalwani, Narendra D., South Lyon, MI, UNITED STATES  
 Dasseux, Jean-Louis, Brighton, MI, UNITED STATES  
 PI US 2004077541 A1 20040422  
 AI US 2003-629892 A1 20030729 (10)  
 PRAI US 2002-399928P 20020730 (60)  
 DT Utility  
 FS APPLICATION  
 LREP JONES DAY, 222 EAST 41ST STREET, NEW YORK, NY, 10017  
 CLMN Number of Claims: 38  
 ECL Exemplary Claim: 1  
 DRWN No Drawings  
 LN.CNT 1144  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 3 OF 4 WPIDS COPYRIGHT 2005 THE THOMSON CORP on STN  
 AB WO2004010939 A UPAB: 20040226  
 NOVELTY - Treating a human suffering from a disorder associated with dyslipidemia or from an infection comprises administering to the subject **non-human animal Apolipoprotein A-I** (ApoA-I) protein.  
 DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a pharmaceutical composition comprising a non-human animal ApoA-I

protein-lipid complex.

ACTIVITY - Antibacterial; Virucide; Cardiant; Antiarteriosclerotic; Antilipemic; Vasotropic. No biological data given.

MECHANISM OF ACTION - Gene therapy.

USE - The method is useful for treating a human suffering from a disorder associated with dyslipidemia, e.g., hypercholesterolemia, cardiovascular disease, atherosclerosis, restenosis, high density lipoproteins (HDL) or ApoA-I deficiency or hypertriglyceridemia or from an infection, e.g., septic shock or bacterial or viral infection caused by influenza virus, HIV, cytomegalovirus or herpes simplex virus (claimed).  
Dwg.0/0

AN 2004-143725 [14] WPIDS

DNC C2004-057929

TI Treating a human suffering from a disorder associated with dyslipidemia, e.g., hypercholesterolemia or from bacterial or viral infection caused by e.g., HIV by administering **non-human animal Apolipoprotein A-I (ApoA-I) protein.**

DC B04 D16

IN DASSEUX, J; LALWANI, N D; ZHU, L

PA (DASS-I) DASSEUX J; (LALW-I) LALWANI N D; (ZHUL-I) ZHU L; (ESPE-N)

ESPERION THERAPEUTICS INC

CYC 105

PI WO 2004010939 A2 20040205 (200414)\* EN 28

RW: AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS

LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH

PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN

YU ZA ZM ZW

US 2004077541 A1 20040422 (200428)

AU 2003254202 A1 20040216 (200453)

ADT WO 2004010939 A2 WO 2003-US23458 20030729; US 2004077541 A1 Provisional US 2002-399928P 20020730, US 2003-629892 20030729; AU 2003254202 A1 AU 2003-254202 20030729

FDT AU 2003254202 A1 Based on WO 2004010939

PRAI US 2002-399928P 20020730; US 2003-629892 20030729

L2 ANSWER 4 OF 4 IFIPAT COPYRIGHT 2005 IFI on STN

AB The invention provides methods and compositions for treating disorders using **non-human animal**

**Apolipoprotein A-I (ApoA-I) protein.** The invention provides methods and compositions for treating disorders in animals, including humans, associated with dyslipidemia, including hyperlipidemia, hyperlipoproteinemia, hypertriglyceridemia, hypercholesterolemia, HDL deficiency, ApoA-I deficiency, cardiovascular disease, atherosclerosis, restenosis, and other disorders such as septic shock and viral infections.

AN 10570319 IFIPAT;IFIUDB;IFICDB

TI METHODS OF USING **NON-HUMAN ANIMAL**

**APOLIPOPROTEIN A-I PROTEIN**

INF Dasseux; Jean-Louis, Brighton, MI, US

Lalwani; Narendra D., South Lyon, MI, US

Zhu; Lingyu, Ann Arbor, MI, US

IN Dasseux Jean-Louis; Lalwani Narendra D; Zhu Lingyu

PAF Unassigned

PA Unassigned Or Assigned To Individual (68000)

AG JONES DAY, 222 EAST 41ST STREET, NEW YORK, NY, 10017, US

PI US 2004077541 A1 20040422

AI US 2003-629892 20030729

PRAI US 2002-399928P 20020730 (Provisional)

FI US 2004077541 20040422

DT Utility; Patent Application - First Publication



FS     CHEMICAL  
       APPLICATION

PARN   This application claims the benefit of U.S. Provisional Application No.  
       60/399,928, filed Jul. 30, 2002, the entire disclosure of which is  
       incorporated by reference herein in its entirety.

CLMN   38